

IN THE DRAWINGS

Please replace FIG. 7, as originally filed with the replacement page 7/7 attached to the present Response.

REMARKS

In the Office Action dated 19 July 2005, the Examiner noted that the numbering of claims was not in accordance with 37 CFR 1.126. The Examiner rejected the claims 1-34. By the present response, the misnumbered claims 25-32 are renumbered 27-34. The specification and claims 1, 2, 6, 10, 14, 20, 22, 25, 26 and 30-34 have been amended. Claim 4 has been cancelled. Upon entry of the amendments, claims 1-3 and 5-34 will remain pending in the present application. Reconsideration and allowance of all pending claims are respectfully requested in light of the above amendments and in view of the discussion below.

Objection to drawings

The Examiner objected the drawings as failing to comply with 37 CFR 1.84(p)(5), because the element 352 described in the specification was not shown in FIG. 7, and the element 220 shown in FIG. 6 was not mentioned in the specification. A replacement page 7/7 with corrected FIG. 7 is filed herewith to correct the first issue. The specification has been amended (see paragraph 57) to correct the second.

Applicants therefore respectfully request that the drawing objection be withdrawn.

Objections to specification

The Examiner objected to the specification not having degree symbols. Also, clarification regarding the elements listed in the parenthesis of formulas was sought. The specification was also objected to as failing to provide proper antecedent basis for certain original claims.

By the present response, degree symbols have been added in the paragraphs specifying temperatures. The subject matter regarding claim 23 has been added in the paragraph 48 explaining the elements within the parenthesis. The subject matter of claim 28 has been inserted in paragraph 56.

In view of these modifications, the Applicants respectfully request the Examiner to withdraw the objections.

Rejections Under 35 U.S.C. § 112

Claim 2 was rejected under 35 U.S.C. 112, first paragraph, as containing subject matter not described in the specification. Claim 20 was said to recite discrepancies between the claimed range and the range in the specification. Claims 23, 24, 26, 31, 32 and 34 were rejected under 35 U.S.C 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter. Particularly, claims 23 and 24 needs clarification regarding the elements listed in the parenthesis. Claims 26, 31 and 32 were objected to as improperly dependent on claim 24.

In view of the Examiner's rejection of claim 2, claim 2 has been modified to include the ranges as described in the specification. Claim 20 has not been amended as it is believed the Examiner intended to reject claim 2 which recites an europium range. The Examiner's rejection has been taken into account and claim 2 has been modified. Claims 23 and 24 recite phosphor blends, and are believed to be supported by paragraphs 48, 51-55. Claims 26, 31, 32, and 34 recites a light source and are believed to be supported by paragraphs 56, 58, 58 and 59, respectively. The dependency of the claims 26, 31, 32, and 34 has been corrected.

In view of these modifications, the Applicants respectfully request the Examiner to withdraw the rejections based on 35 U.S.C. §112.

Rejections Under 35 U.S.C. § 102(b), 102(e) and 103

All of the claims except claim 4 were rejected based upon an array of prior art. However, the Examiner pointed out that claim 4 contained allowable subject matter. Claim 4 recited a metal selected from the group consisting of Ga, In, and combinations thereof. Based on the Examiner's indication of allowability, all independent claims have

been modified to exclude A1 from the recited groups. Accordingly, the independent claims, and claims depending therefrom are believed to be in condition for allowance.

Conclusion

In view of the remarks and amendments set forth above, Applicants respectfully request allowance of the pending claims. If the Examiner believes that a telephonic interview will help speed this application toward issuance, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,

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